

Title (en)
A DETONATOR

Publication
EP 0339847 A3 19900905 (EN)

Application
EP 89303775 A 19890417

Priority
ZA 883082 A 19880429

Abstract (en)
[origin: EP0339847A2] A detonator (10) includes an elongate tubular member (12) which defines a longitudinally extending passage (14). At least one base charge (16 and 20) is located in the passage (14). A primary charge (18) is located in the passage 14 such that, upon initiation of the primary charge (18), a shock front generated by the primary charge (18) is propagated by the base charges (16, 18) in a plurality of directions. The base charge may be provided with an axial bore through which the flame front from the detonator initiator passes before detonating the primary charge.

IPC 1-7
F42B 3/12

IPC 8 full level
F42B 3/12 (2006.01)

CPC (source: EP US)
F42B 3/10 (2013.01 - EP US); **F42B 3/12** (2013.01 - EP US)

Citation (search report)

- [A] DE 2922351 A1 19801204 - DYNAMIT NOBEL AG
- [A] DE 3629371 A1 19871029 - DYNAMIT NOBEL AG [DE]
- [A] FR 967190 A 19501027 - CANADIAN IND, et al
- [A] US 3106892 A 19631015 - JAY MILLER ROSS
- [A] EP 0015697 A1 19800917 - DU PONT [US]
- [A] US 2863392 A 19581209 - WALTER HILL ROYSTON ARTHUR, et al
- [A] US 3301183 A 19670131 - JAMES HENNESSY, et al
- [A] US 4299167 A 19811110 - BRYAN PAUL J
- [A] US 4239003 A 19801216 - SAVITT JACOB [US]
- [A] FR 2519784 A1 19830718 - AEROSPATIALE [FR]

Cited by
AU670612B2; US6736068B1

Designated contracting state (EPC)
AT BE DE ES FR IT SE

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EP 0339847 A2 19891102; EP 0339847 A3 19900905; AU 3333789 A 19891102; AU 616507 B2 19911031; FI 892039 A0 19890428; FI 892039 A 19891030; GB 2217818 A 19891101; GB 8908637 D0 19890601; MW 2389 A1 19900110; NO 891620 D0 19890420; NO 891620 L 19891030; NZ 228857 A 19911025; US 4939993 A 19900710; ZW 5789 A1 19900103

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